

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHUS020543WO	FOR FURTHER ACTION <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</small>	
International application No. PCT/IB 03/05625	International filing date (day/month/year) 28/11/2003	(Earliest) Priority Date (day/month/year) 12/12/2002
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.
☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

2
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/05625

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F15/76 G06F15/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category * Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

Y MIYAMORI T ET AL: "REMARC: RECONFIGURABLE MULTIMEDIA ARRAY COPROCESSOR" IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E82-D, no. 2, February 1999 (1999-02), pages 389-397, XP000821922 ISSN: 0916-8532 the whole document

1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

23 December 2004

30/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Michel, T

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/05625

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category * Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

✓ Y CUCCHIARA R ET AL: "RECONFIGURING THE BOUNDARIES OF A MESH-CONNECTED ARRAY OF PROCESSORS WITH RUN-TIME PROGRAMMABLE LOGIC"
MICROPROCESSORS AND MICROSYSTEMS, IPC BUSINESS PRESS LTD. LONDON, GB,
vol. 17, no. 2, January 1993 (1993-01),
pages 67-73, XP000355541
ISSN: 0141-9331
page 68, left-hand column, line 37 - line 69
page 69, right-hand column, line 22 - line 32; figure 1

1-20

✓ X BARAT F ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Reconfigurable instruction set processors: an implementation platform for interactive multimedia applications"
CONFERENCE RECORD OF THE 35TH. ASILOMAR CONFERENCE ON SIGNALS, SYSTEMS, & COMPUTERS. PACIFIC GROOVE, CA, NOV. 4 - 7, 2001, ASILOMAR CONFERENCE ON SIGNALS, SYSTEMS AND COMPUTERS, NEW YORK, NY :
IEEE, US,
vol. VOL. 1 OF 2. CONF. 35,
4 November 2001 (2001-11-04), pages 481-485, XP010580968
ISBN: 0-7803-7147-X
page 482, paragraph 2 - page 484

13-19

✓ X CALLAHAN T J ET AL: "THE GARP ARCHITECTURE AND C COMPILER"
COMPUTER, IEEE COMPUTER SOCIETY, LONG BEACH., CA, US, US,
vol. 33, no. 4, April 2000 (2000-04),
pages 62-69, XP000948675
ISSN: 0018-9162

1,6,7,20

A the whole document

13

A SINGH H ET AL: "MorphoSys: a reconfigurable architecture for multimedia applications"
INTEGRATED CIRCUIT DESIGN, 1998.
PROCEEDINGS. XI BRAZILIAN SYMPOSIUM ON RIO DE JANEIRO, BRAZIL 30 SEPT.-3 OCT. 1998,
LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC,
US, 30 September 1998 (1998-09-30), pages 134-139, XP010303762
ISBN: 0-8186-8704-5
the whole document

1-20

-/--

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/05625

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages	
A	YATES R B ET AL: "AN ARRAY PROCESSOR FOR GENERAL PURPOSE DIGITAL IMAGE COMPRESSION" IEEE JOURNAL OF SOLID-STATE CIRCUITS, IEEE INC. NEW YORK, US, vol. 30, no. 3, 1 March 1995 (1995-03-01), pages 244-249, XP000502810 ISSN: 0018-9200 the whole document	1-20
A	WO 94/06077 A (SIEMENS AG ; BUCHENRIEDER KLAUS (DE)) 17 March 1994 (1994-03-17) the whole document	1-20
A	PRADO E R ET AL: "A high performance COTS based vector processor for space" MAPLD CONFERENCE, XX, XX, 28 September 1999 (1999-09-28), pages 1-6, XP002207357 the whole document	1,11-13, 20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/05625

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9406077	A	17-03-1994	WO 9406077 A1	17-03-1994
			DE 59301609 D1	21-03-1996
			DK 657044 T3	25-03-1996
			EP 0657044 A1	14-06-1995
			ES 2083296 T3	01-04-1996
